

LISTING OF THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claims 1-10 (canceled).

11. (new) A method for closed-loop speed control of an internal combustion engine, comprising the steps of: computing a first filtered actual speed ($nM1(IST)$) from an actual speed ($nM(IST)$) of the internal combustion engine by means of a first filter; computing a first control deviation ($dR1$) from a set speed ($nM(SL)$) of the internal combustion engine and the first filtered actual speed ($nM1(IST)$); determining a power-determining signal (ve) for automatically controlling the speed of the internal combustion engine from the first control deviation ($dR1$) by means of a speed controller; computing a second filtered actual speed ($nM2(IST)$) from the actual speed ($nM(IST)$) of the internal combustion engine by means of a second filter; computing a second control deviation ($dR2$) from the set speed ($nM(SL)$) and the second filtered actual speed ($nM2(IST)$); and, when a dynamic change of state occurs, determining the power-determining signal (ve) for the closed-loop speed control of the internal combustion engine with the speed controller from the first control deviation ($dR1$) and the second control deviation ($dR2$).

12. (new) The method for the closed-loop speed control of an internal combustion engine in accordance with claim 11, including detecting the dynamic change in state by way of the second control deviation ($dR2$).

13. (new) The method for the closed-loop speed control of an internal combustion engine in accordance with claim 11, wherein the second filter has a smaller filter angle than the first filter.

14. (new) The method for the closed-loop speed control of an internal combustion engine in accordance with claim 12, wherein the second control deviation ($dR2$) acts on a P component of the speed controller.

15. (new) The method for the closed-loop speed control of an internal combustion engine in accordance with claim 14, including determining the P component from the first control deviation ($dR1$), a first factor ($kp1$), and a second factor ($kp2$), with the second factor ($kp2$) being computed from the second control deviation ($dR2$) by way of a characteristic curve.

16. (new) The method for the closed-loop speed control of an internal combustion engine in accordance with claim 15, including additionally computing the P component from the second control deviation ($dR2$).

17. (new) The method for the closed-loop speed control of an internal combustion engine in accordance with claim 15, wherein the first factor ($kp1$) is either preset as a constant or computed as a function of the first filtered speed ($nM1(IST)$) and/or an I component ($ve(I)$).

18. (new) The method for the closed-loop speed control of an internal combustion engine in accordance with claim 12, wherein the second control deviation ($dR2$) acts on a DT1 component of the speed controller.

19. (new) The method for the closed-loop speed control of an internal combustion engine in accordance with claim 18, including determining the DT1 component from the second control deviation ($dR2$) by way of a characteristic curve.

20. (new) The method for the closed-loop speed control of an internal combustion engine in accordance with claim 19, including deactivating the DT1 component by means of the characteristic curve if the second control deviation ($dR2$) becomes smaller than a first limiting value ($GW1$) ($dR2 < GW1$), and activating the DT1 component by means of the characteristic curve if the second control deviation ($dR2$) becomes greater than a second limiting value ($GW2$) ($dR2 > GW2$).